

**P2 E-News, Volume 1, Number 2**  
**October 2006**

**Welcome to P2 E-News!**

In this issue we include information on the upcoming Green Chemistry Symposium, the San Diego Zero Waste Business Conference, a new Environmentally Preferable Purchasing manual, low/no cost training opportunities from Regional Environmental Business Resource Assistance Centers (REBRAC), and much more!

Please feel free to tell your friends and associates about **P2 E-News**! Anyone interested in receiving **P2 E-News** is welcome to subscribe using the DTSC Listserv webpage at <http://www.calepa.ca.gov/Listservs/dtsc/> (scroll down to DTSC **P2 E-News** and click on Subscribe).

And let us know what you think about **P2 E-News**! Send your comments or suggestions on how we can better serve you to [P2@dtsc.ca.gov](mailto:P2@dtsc.ca.gov), or call the Pollution Prevention Hotline at (800) 700-5854.

\*\*\*Pollution Prevention (P2)....Changing the way we think and act so we can reduce or eliminate the creation of waste and pollution from the beginning.\*\*\*

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**DTSC Green Chemistry Symposium - Registration Now Open!**

October 24, 2006  
9:00 am - noon; check-in at 8:30 am  
Cal/EPA Building  
Sacramento, California

What is Green Chemistry? It's the design of chemical products and processes that prevent waste and generate little or no toxicity to humans and the environment.

Why is it important to me? We all use and benefit from chemicals every day. Green Chemistry helps us consider environmentally friendly alternatives to hazardous chemicals and processes, which helps us prevent pollution and reduce our exposure to toxins or other chemical hazards.

DTSC is sponsoring this free symposium to discuss these questions and more. Representatives from government, universities, and industry will make presentations at this basic introduction to Green Chemistry. Agenda topics include: What is Green Chemistry; How California can take a Leadership Role in Chemicals Policy; Green Chemistry in California Industries; USEPA Green Chemistry Programs; and a legislative update.

The symposium is open to the public and will also be webcast. To register for the symposium, go to the DTSC Green Chemistry webpage at <http://www.dtsc.ca.gov/PollutionPrevention/GreenChemistry.cfm>. (Note: Registration is required for on-site attendance, and closes October 20th or earlier if room capacity is reached.) For information on attending via webcast, go to the Cal/EPA webpage at <http://www.calepa.ca.gov/Broadcast/>. Please be sure to check the Green Chemistry webpage for updates on the symposium, or call Stan Lau at (916) 323-9617.

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## Green Chemistry Information Resources

For anyone not able to attend the DTSC Green Chemistry Symposium, or anyone wanting to learn more in advance of the Symposium, here are some interesting resources for information. This and other useful information is also available on the DTSC Green Chemistry webpage at: <http://www.dtsc.ca.gov/PollutionPrevention/GreenChemistry.cfm>.

### AMERICAN CHEMICAL SOCIETY - GREEN CHEMISTRY INSTITUTE

The Green Chemistry Institute (GCI) was incorporated in 1997 as a not-for-profit 501(c)3 corporation devoted to promoting and advancing green chemistry. In January 2001, GCI joined the American Chemical Society in an increased effort to address global issues related to chemistry and the environment.

The mission of the Green Chemistry Institute is to advance the implementation of green chemistry principles into all aspects of chemical enterprise. To fulfill its mission, GCI supports research, works to integrate green chemistry into all levels of chemical education, aides companies with industrial implementation, hosts conferences, and coordinates efforts with an international network of green chemistry advocates.

For more about the information and resources available from GCI, please visit the American Chemical Society GCI webpage at: <http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=greenchemistryinstitute\index.html>.

### GREEN CHEMISTRY AND PUBLIC POLICY

In January 2004, the California Legislature requested technical assistance on chemicals policy from the California Policy Research Center (CPRC), a University of California program designed to aid policymakers with research and recommendations through publications and special briefings. The CPRC submitted its findings back to the Legislature in January 2006 in a special report titled "Green Chemistry in California: A Framework for Leadership in Chemicals Policy and Innovation."

The report is authored by Michael P. Wilson (principal author), Daniel Chia, and Bryan C. Ehlers, and includes valuable information on the chemical industry, existing state and federal regulatory programs, chemical problems in California, and initiatives of the European Union and others to address chemical issues. The report further discusses the need for California to develop chemical policy goals that address "gaps" in data development, chemical hazards safety, and technology development.

For a copy of the report and additional information, please visit the University of California Center for Occupational and Environmental Health website at: [http://coeh.berkeley.edu/news/06\\_wilson\\_policy.htm](http://coeh.berkeley.edu/news/06_wilson_policy.htm).

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### California Source Reduction Advisory Committee Meeting - October 31, 2006

In 1998, Senate Bill (SB) 1916 established an external advisory committee to provide advice to DTSC on pollution prevention program priorities. This committee is commonly known as the SB 1916 Advisory Committee and is comprised of 10 public members (representing industry, local government, and environmental interests) and the Executive Directors of the Cal/EPA Boards and Departments (as ex-officio members). The committee typically meets several times each year and these meetings are open to the public. Some of the meetings are traditional in-person

meetings. However, some of the meetings are conducted as conference calls and members of the public may "attend" by joining DTSC staff in our conference room for the call.

The next SB 1916 Advisory Committee meeting is scheduled for October 31, 2006. This meeting will be a conference call meeting and will be held from 10 am to noon. Members of the public who would like to attend this meeting are asked to please call Kim Smith at (916) 323-3384 by October 27, so we can arrange a conference room with enough seats.

For more information on the SB 1916 Advisory Committee, please visit the DTSC website at <http://www.dtsc.ca.gov/PollutionPrevention/SB1916/sb1916-overview.cfm> , or contact David Miller at (916) 322-2712, or by email at [dmiller2@dtsc.ca.gov](mailto:dmiller2@dtsc.ca.gov).

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**Emergency Regulation Workshop - Restrictions on Use of Heavy Metals in Electronic Devices (RoHS)**

Thursday, November 9, 2006  
10:00 am - 1:00 pm  
Cal/EPA Building  
Sacramento, California

Beginning in 2007, California law will ban the sale of some electronic devices that contain certain hazardous substances. The Electronic Waste Recycling Act (EWRA), which was signed into law in September of 2003, will restrict the use of lead, mercury, cadmium, and hexavalent chromium in electronic devices (such as TV's and computer screens) sold in California. The law also requires that DTSC adopt regulations to prohibit covered electronic devices "from being sold or offered for sale" in California if they are prohibited from sale in the European Union because they contain certain heavy metals.

The purpose of this workshop is to solicit additional input and update stakeholders on the development of emergency regulations prohibiting the sale of non-compliant electronic devices in California. For more information on attending the workshop or on the proposed emergency regulations, please contact Charles Corcoran at (916) 327-4499, or by email at [ccorcora@dtsc.ca.gov](mailto:ccorcora@dtsc.ca.gov).

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**San Diego Zero Waste Business Conference - November 15, 2006**

Wednesday, November 15, 2006  
9:00 am to 5:00 pm (registration starts at 8:30)  
Del Mar Fairgrounds, 2260 Jimmy Durante Blvd, Del Mar, CA 92014

This dynamic, day-long event will address ways businesses can save money by implementing Zero Waste practices in their daily operations. The conference is designed to bring San Diego County business owners together with knowledgeable experts in the field of Zero Waste who can demonstrate how to turn a company's waste stream into a profitable resource. Topics include eliminating waste, reuse, recycling and composting (including construction and demolition waste), and green buildings. Conference registration also includes a continental breakfast, plated lunch, snacks, and all conference materials.

Registration cost: general = \$135; nonprofit organization or student = \$75

Register now because seats are limited! For more information on the conference program and how to register, please visit the Earth Resource Foundation's Zero Waste Conference webpage at: <http://www.earthresource.org/zerowaste.html>.

"Zero in on Zero Waste - Don't let your Bottom Line go to Waste"

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**California Recycles Day - November 15, 2006**

California Recycles Day is part of the nationwide America Recycles Day effort to encourage and support recycling by individuals and communities. What starts out as an individual decision to recycle builds into a coast-to-coast movement that ultimately makes our country a cleaner, more efficient and better place to live. And it all starts with you!

In celebration of California Recycles Day, everyone is invited to pledge to buy recycled, recycle more, or support a recycling event on November 15. All pledges will be entered in a random national drawing. By making a pledge to recycle, you will be joining others in California and across the nation who are committed to the reduction, reuse, recycling, and responsible disposal of resources.

For more information about California Recycles Day and resources to help start a local event, or to make your pledge, please visit <http://www.recycleday.com/>.

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**California's New Environmentally Preferable Purchasing Manual**

Environmentally Preferable Purchasing (EPP) refers to the procurement of goods and services that have a reduced effect on human health and the environment as compared to competing goods and services serving the same purpose. To support this practice, a task force co-managed by the Integrated Waste Management Board and Department of General Services has just produced a very useful and readable manual called "Environmentally Preferable Purchasing Best Practices Manual." While the manual was developed for state employees, it can readily be used by anyone interested in identifying and purchasing EPP materials and products. The manual contains solid information on how and why to buy green, and covers eleven purchasing categories, including areas such as building maintenance, medical supplies, and vehicles and transportation.

This is a must-read for the general consumer and state employees alike! The manual is free and is available online at: <http://www.green.ca.gov/EPP/Introduction/default.htm>.

For more information on other Green California programs, information, and resources, please visit <http://www.green.ca.gov/default.htm>.

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**Promising Initial Results from DTSC High Efficiency Oil Filter Study**

DTSC's Office of Pollution Prevention and Technology Development is nearing completion of its performance demonstration study of high efficiency oil filters, funded in part by a \$225,000 grant from the California Integrated Waste Board. Initial results of the study indicate that high efficiency filters clean engine oil better than standard filters, extending the useful life of the motor oil. This in turn helps extend oil change intervals, which helps reduce oil purchase costs, as well as waste volumes and management costs.

The study began with a survey of over 2,000 State, local government, and private auto fleet managers to identify barriers to using the high efficiency filters. Performance, cost, and the need for a quick return on investment were found to be the biggest concerns for fleet managers. Using this information, staff designed the study's demonstration element to measure performance and cost savings after one year of use. To date, the filters have been installed in over 100 State and local government vehicles and are being monitored to demonstrate their benefits. The study is currently scheduled to end in June of 2007.

For more information on the study and details on the study elements, please visit DTSC's webpage at: [http://www.dtsc.ca.gov/TechnologyDevelopment/OPPTD\\_FLY\\_High-Efficiency-Oil-Filters.cfm](http://www.dtsc.ca.gov/TechnologyDevelopment/OPPTD_FLY_High-Efficiency-Oil-Filters.cfm); or contact Ed Benelli at (916) 445-2959, or by email at [ebenelli@dtsc.ca.gov](mailto:ebenelli@dtsc.ca.gov).

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**Low Cost and No Cost Training Opportunities from REBRAC**

Have you heard about REBRAC? The Regional Environmental Business Resource Assistance Centers (REBRAC) were initiated by the California Community College system to provide environmental and workplace health and safety compliance assistance and information to businesses and the public throughout California. In addition to providing training and regulatory compliance assistance, the centers also provide information on free and low cost resources, financial aid and employment opportunities in the Environmental Safety and Health fields.

There are six Regional Resource Environmental and Assistance Centers located throughout the state. We've listed below some of the P2 and hazardous waste related classes being offered in October and November. For more information about REBRAC and the six local centers, please visit the main REBRAC webpage at <http://www.rebrac.org/>.

\*\*\*\*SOUTHERN CALIFORNIA CLASSES\*\*\*\*

The following classes are being offered by the LA/Orange Counties REBRAC in conjunction with North Orange County Community College District, DTSC, and the local Certified Unified Program Agencies (CUPAs). For more information or to register, please contact Taffy Kennedy at (714) 808-4613. All classes will be held at 1830 W. Romneya Drive, Anaheim, California 92801.

**CLEAN SHOPS: CALIFORNIA HAZARDOUS WASTE REGULATORY REQUIREMENTS & POLLUTION PREVENTION OPPORTUNITIES FOR DRY CLEANERS**

At the conclusion of this training, you should: have a general understanding of the definition of waste, and hazardous waste; know the basic hazardous waste generators requirements; be able to apply information to your workplace; know the basic concept of pollution prevention and solvents alternatives; and know where to go for more information.

Instructor: Nabil Yacoub

Cost: Free!!!

Date: Wednesday, Oct. 18, 2006

Time: 12:00 noon - 1:00 pm

**UNIVERSAL AND ELECTRONIC WASTES**

An Overview of Universal Waste Standards in California Workshop for persons managing electronic wastes, used mercury-containing materials, used aerosol cans, spent batteries, and other universal wastes. The workshop will provide information on universal waste rules standards and the best environmental practices.

Instructor: Nabil Yacoub

Cost: Free!!!

Date: Tuesday, Nov. 7, 2006

Time: 10:00 am until noon

#### FINANCIAL RESPONSIBILITY, GENERAL OVERVIEW

Do you know your options on choosing the financial mechanism that will cover the closure of your onsite treatment units? Attend this seminar to make sure you stay in compliance.

Instructor: Keith Kihara

Cost: Free!!!

Date: Wednesday, Nov. 8, 2006

Time: 10:00 am until noon

#### TRANSPORTATION OF HAZARDOUS MATERIALS

This course covers safe handling of hazardous chemicals per the Department of Transportation regulations. In addition, it includes the proper preparation of shipping papers and hazardous waste manifests. Other topics covered are: labeling, placarding, spill reporting and emergency response. Hazardous materials and waste haulers, shippers and receivers should take this class.

Instructor: Brian Otter

Cost: \$95

Date: Tuesday, Nov. 14, 2006

Time: 8:00 am until 5:00 pm

#### HAZARDOUS MATERIALS DISCLOSURE

Hazardous materials on your site need to be reported to the local Certified Unified Program Agency (CUPA). This workshop will cover how to fill out CUPA forms, where to submit these forms, and where to obtain assistance if needed.

Instructor: EHS2/REBRAC Staff or a Fire Safety Specialist from the Orange County Fire Authority

Cost: \$45

Date: Thursday, Nov. 16, 2006

Time: 8:00 am until 12:00 noon

#### \*\*\*\*NORTHERN CALIFORNIA CLASSES\*\*\*\*

The following class is being offered by the North/Far North REBRAC, in conjunction with College of the Redwoods, DTSC, and the local CUPA. For more information or to register, please contact Bill Connors at (707) 441-9317, or by email at [bill-connors@redwoods.edu](mailto:bill-connors@redwoods.edu).

#### WASTE MINIMIZATION & MANAGEMENT FOR AUTO BODY & PAINT INDUSTRY

Class includes information on pollution prevention & best management practices, minimizing paint waste, sanding waste management, wastewater pollution prevention, waterborne coatings, and paint gun cleaning & solvent recycling.

Cost: Free!!!

Date: Wednesday, Oct 18, 2006

Time: 3:00 pm - 5:00 pm or 6:00 pm - 8:00 pm

Location: 507 F St., Eureka, Mezzanine Conference Room

(Note: This class is being offered at two different times on October 18. Please specify time desired when registering.)

#### \*\*\*\*SAN FRANCISCO BAY AREA AND SACRAMENTO AREA CLASSES\*\*\*\*

The following classes are being offered by the Bay Area REBRAC, in conjunction with Mission College. For registration information, visit the Bay Area REBRAC website at

<http://www.rebrac.org/bayarea/>, or contact Michael Hall at (408) 855-5584, or by email at [mhall@rebrac.org](mailto:mhall@rebrac.org).

#### TITLE 22 HAZARDOUS WASTE MANAGEMENT

Topics to be covered include regulatory overview and updates, new Universal Waste requirements, hazardous waste characterization, hazardous waste labeling and identification, hazardous waste storage requirements, and manifesting. (Meets the personnel training requirements of California Code of Regulations, Section 66265.16.)

Cost: \$100

Date: Friday, Oct. 20, 2006

Time: 8:00 am - 12:00 noon

Location: 1550 Maidu Drive, Roseville, Ca 95661 Training Room 2

#### TITLE 22 HAZARDOUS WASTE MANAGEMENT

Topics to be covered include regulatory overview and updates, new Universal Waste requirements, hazardous waste characterization, hazardous waste labeling and identification, hazardous waste storage requirements, and manifesting. (Meets the personnel training requirements of California Code of Regulations, Section 66265.16.)

Cost: \$100

Date: Friday, Nov. 3, 2006

Time: 8:00 am - 12:00 noon

Location: 3000 Mission College Blvd, MT-B, Santa Clara, CA

#### DOT 49 CFR HAZARDOUS MATERIALS TRANSPORTATION

Topics include: using a hazardous materials table; preparing shipping papers; marking, labeling and placarding requirements; security awareness and site policies; handling emergencies and notification; identification and communication of hazards of transportation. (Meets the requirements of Department of Transportation CFR 49 Part 172.700 - Part 172.704 and Part 173)

Cost: \$100

Date: Friday, Nov. 17, 2006

Time: 8:00 am - 12:00 noon

Location: 3000 Mission College Blvd., Room MT-A, Santa Clara, CA

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